

AMENDMENTS TO THE CLAIMS

The following listing of the claims replaces all prior versions and listings of the claims in relation to the present application.

Listing of the Claims

1. (currently amended) A control and monitoring system including a plurality of control and monitoring components coupled to a monitoring station via a data network, the system comprising:

a database including component data descriptive of the components and a plurality of language fields including textual labels for component data presentations translated into a plurality of languages; and

a plurality of monitoring screens viewable on the monitoring station and including representations of component designations and component status parameters based upon monitored data collected by the monitoring station via the data network from the components in which identifying component data is stored, the screens including textual labels for the representations; wherein the monitoring station is configured to build a view of the components in real-time based upon the identifying component data and to access textual labels in a desired language from the database for display in the monitoring screens based upon the identifying component data collected from the component.

2. (original) The system of claim 1, wherein at least one monitoring screen includes a user viewable menu for selecting the desired language.

3. (original) The system of claim 2, wherein the monitoring station is configured to change textual labels in respective monitoring screen upon a change by a user of the desired language without otherwise altering the monitoring screen.

4. (original) The system of claim 1, wherein the component data in the database includes component parameter settings.

5. (original) The system of claim 1, wherein the component data in the database includes historical event data the each component.

6. (original) The system of claim 1, wherein the component data in the database includes textual data descriptive of each component, and wherein the textual data is translated into the desired language for display.

7. (original) The system of claim 1, wherein the component data in the database includes data representative of an image of each component.

8. (original) The system of claim 1, wherein the monitoring station is configured automatically to poll the components for the component status parameters and to display the updated status parameter representations with currently selected desired language labels.

9. (currently amended) An industrial control and monitoring system comprising:

a plurality of control and monitoring components configured to control or monitor application of electrical power to a load, and including at least data identifying the components stored in the respective components;

a data network coupled to the components for accessing parameter and identity data from the components;

a database including component data descriptive of the components and a plurality of language fields including textual labels for component data presentations translated into a plurality of languages;

a monitoring station coupled to the data network and configured to access the parameter data and the identifying data from the components and the database; and

a plurality of monitoring representations built in real-time based upon the identifying data and viewable on the monitoring station and including data about components and component status parameters based upon the parameter data, the representations including textual labels from the database in a desired language from the plurality of languages for display in the monitoring screens.

10. (previously presented) The system of claim 9, wherein the database is stored at the monitoring station.

11. (previously presented) The system of claim 9, wherein the monitoring representations include a user viewable menu of selectable languages.

12. (previously presented) The system of claim 11, wherein the monitoring station is configured to access the desired language for the textual labels from the database based upon a user selection made via the menu.

13. (previously presented) The system of claim 9, wherein the textual labels are displayed with component status parameters updated in real time.

14. (previously presented) The system of claim 13, wherein the desired language may be selectively changed by a user in real time without otherwise altering display of real time updated component status parameters.

15. (previously presented) The system of claim 9, wherein the components are configured to store component designation data and to transmit the designation data to the monitoring system upon demand by the monitoring system.

16. (previously presented) The system of claim 9, wherein the component data in the database includes component parameter settings.

17. (previously presented) The system of claim 9, wherein the component data in the database includes historical event data the each component.

18. (previously presented) The system of claim 9, wherein the component data in the database includes textual data descriptive of each component, and wherein the textual data is translated into the desired language for display.

19. (previously presented) The system of claim 9, wherein the component data in the database includes data representative of an image of each component.

20. (currently amended) A method for monitoring status of a system including a plurality of networked electrical components, the method comprising the steps of:

accessing component status and identity data from a plurality of electrical components of a control and monitoring system via a data network, each component storing its respective identity data;

accessing textual labels corresponding to the component status data from a system database, the database including translations of the textual labels in a plurality of languages and component descriptions for the components; and

displaying a plurality of monitoring representations for the components, built in real-time based on the status and identity data, including presentations of component status data and textual labels in a desired language of the plurality of languages accessed from the database.

21. (previously presented) The method of claim 20, wherein the component status data is accessed by a monitoring station through periodic polling of the components by the monitoring station.

22. (previously presented) The method of claim 21, wherein the textual labels are accessed from the database in accordance with predetermined fields of the representations.

23. (previously presented) The method of claim 22, wherein the textual labels are accessed from the database in accordance with a user selection of the desired language.

24. (previously presented) The method of claim 23, wherein the representations include a user viewable menu for selecting the desired language.

25. (previously presented) The method of claim 24, wherein the desired language can be changed in real time by user selection via the menu.

26. (previously presented) The method of claim 20, wherein the component descriptions are displayed in the monitoring representations for the respective components.

27. (previously presented) The method of claim 26, wherein the component descriptions are stored in the database in the plurality of languages.

28. (previously presented) The method of claim 27, wherein the component descriptions are displayed in the monitoring representations in the desired language.